

Figure 1

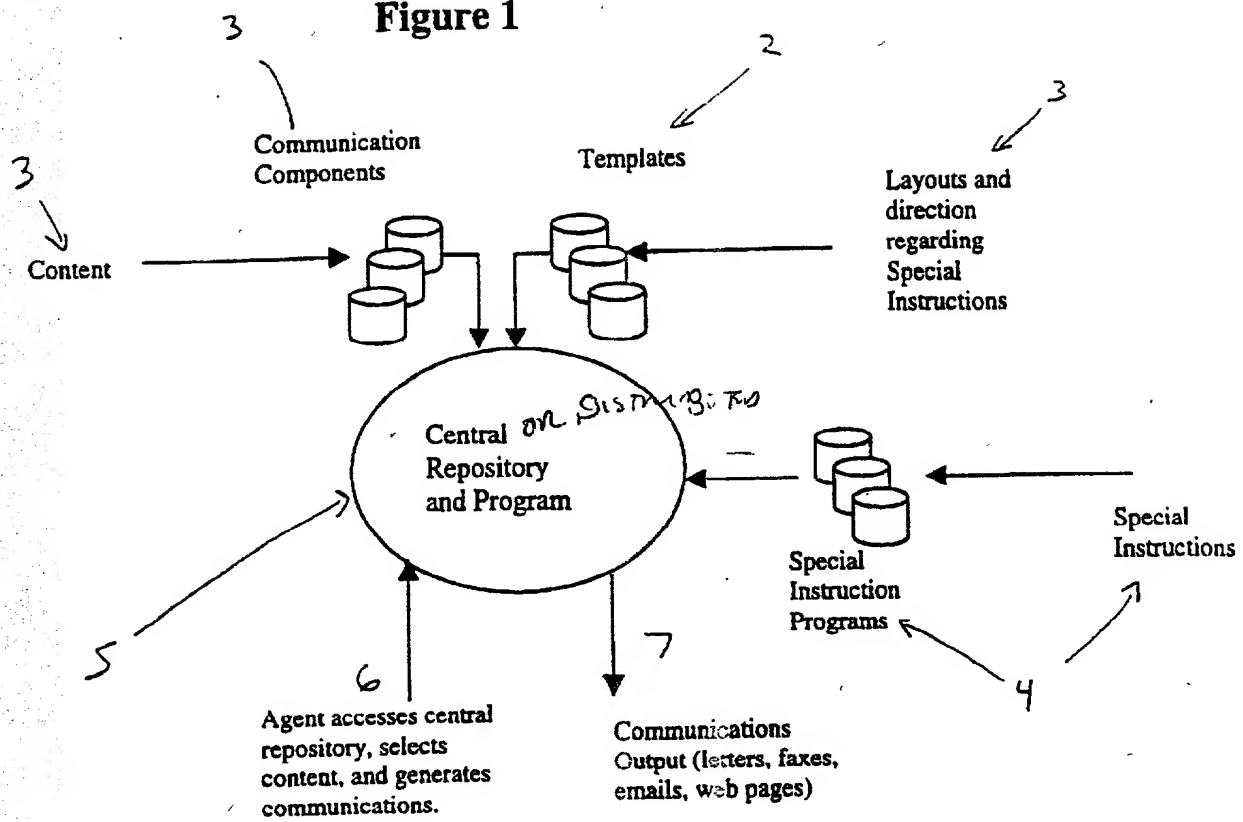


Figure 2

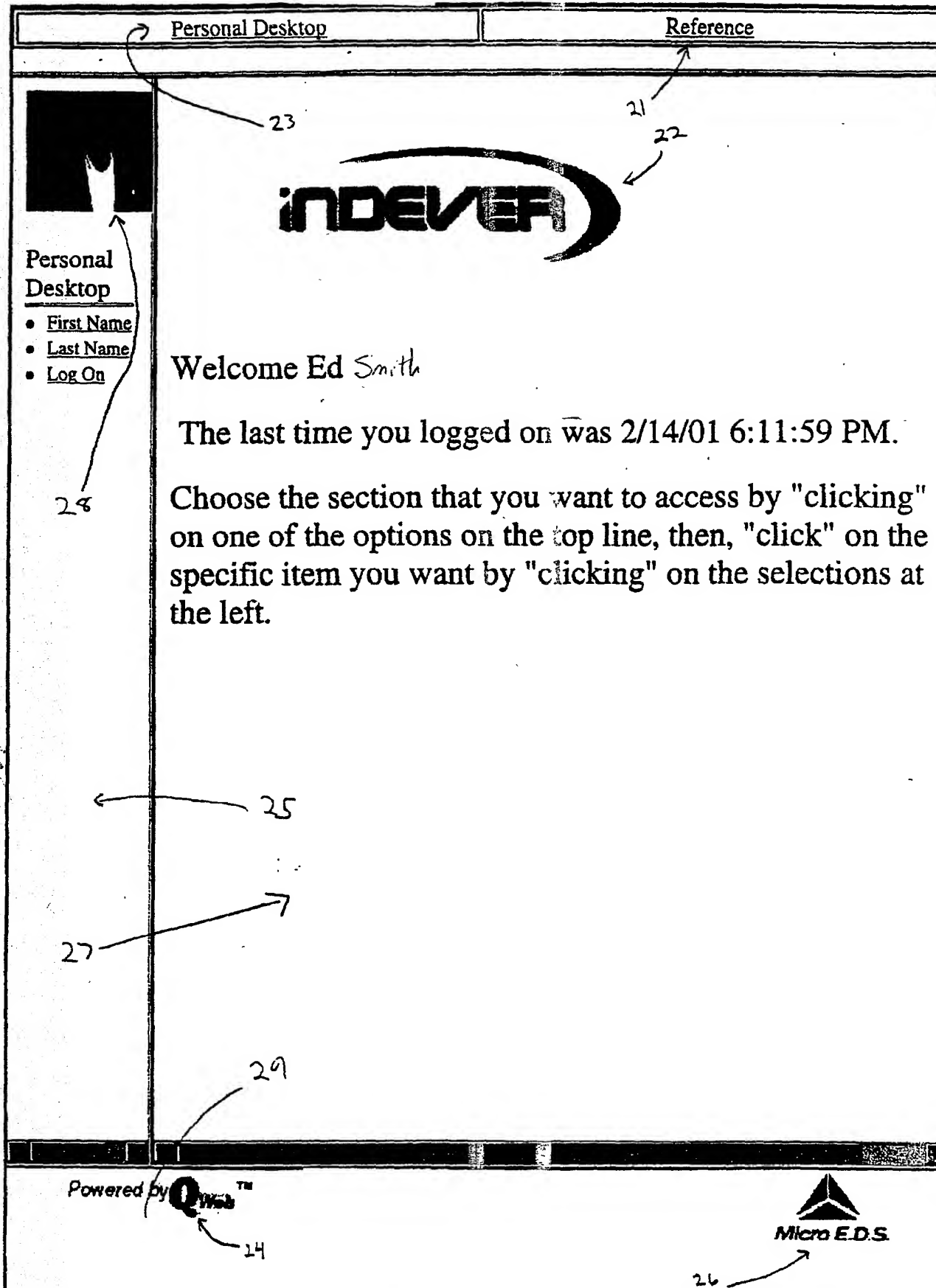


Figure 3

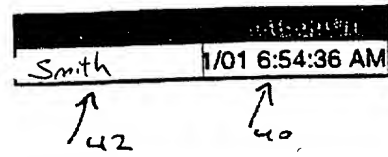
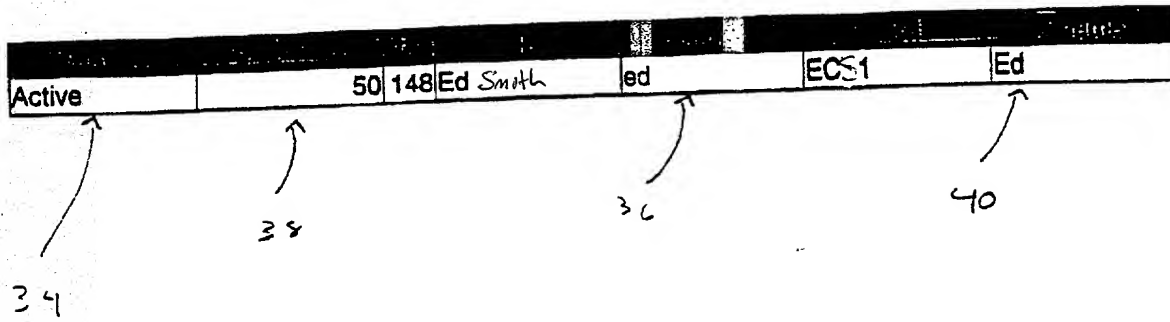


Figure 4

Active	1 Personal Desktop	1	Personal Desktop	UserDesktops	Status	Active
Active	4 Reference	3	ViewPage	Reference	Status	Active
	↑ 52	↑ 54	↑ 56	↑ 58	↑ 62	↑ 64
						66

PersonalDesktop	SortField
ReferenceList	SortField
	70
	68

Figure 5

System			
Active	1	Micro E.D.S. Site	microeds.com
Active	6	Pepper Web Site	pepperlaw.com

Figure 6

Active	187	50	1	First Name	/private/smb2.ed3
Active	190	50	2	Last Name	/private/smb2.ed3
Active	191	50	3	Log On	/private/smb2.ed3

80

82

84

86

88

90

QSecurityDatab	Access1
QSecurityDatab	Access2
QSecurityDatab	Access3

92

94

Figure 7

AccessDenied	<%@LANGUAGE=ED3Script%>	110
Desktop	<%@LANGUAGE=ED3Script%>	112
DisplayFirstName	<%@LANGUAGE=ED3Script%>	
DisplayLastLogOn	<%@LANGUAGE=ED3Script%>	
DisplayLastName	<%@LANGUAGE=ED3Script%>	
Footer	<%@LANGUAGE=ED3Script%>	
Greeting	<%@LANGUAGE=ED3Script%>	120
NavigationList	<%@Language=ED3Script%>	
PersonalDesktop	<%@Language=ED3Script%>	
ReferenceList	<%@Language=ED3Script%>	

100

102

114

116

118

Figure 8a

```

<#
'turn off page caching in users browser
Response.Expires=0
Response.Buffer=True

'define session wide variables

Session("SecurityDatabase")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QSecurity\QSecurity.mdb"
Session("SecurityLog")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QSecurity\QSecurity.log"

Session("QServicesDatabase")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QServices\QServices.mdb"
Session("QServicesLog")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QServices\QServices.log"

Session("QForumDatabase")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QForum\QForum.mdb"
Session("QForumLog")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QForum\QForum.log"

Session("QClientDatabase")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QClient\QClient.mdb"
Session("QClientLog")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QClient\QClient.log"

Session("QResourcesDatabase")="Provider=Microsoft.Jet.OLEDB.3.51;Persist
Security Info=False;Data
Source=e:\indev\data\private\QResources\QResources.mdb"
Session("QResourcesLog")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QResources\QResources.log"

Session("QCompetition")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QCompetition\QCompetition.mdb"
Session("QCompetitionLog")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QCompetition\QCompetition.log"

Session("QPlanDatabase")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QPlan\QPlan.mdb"
Session("QPlanLog")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QPlan\QPlan.log"

Session("QManageDatabase")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QManage\QManage.mdb"
Session("QManageLog")="Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=e:\indev\data\private\QManage\QManage.log"

set qlog = server.createobject("qlib.qlog")

Dim qweb, qreport
dim sOutput

```


FIG. 8b

```
dim sResult
dim sFileName

select case Request.Form("QWebAction")

case "Login"
'Display Login

Session("QWebMemberID")=Request.Form("ID")
Session("QWebMemberPassword")=Request.Form("Password")
Session("SecurityID")=Request.Form("Identity")

'qlog.entry "(" & Session("QWebMemberID") & ") - Logging In..",
Session("SecurityLog")

    set QReport = Server.Createobject("Qlib.QReport")
    sResult = QReport.PublishPage( _
        Session("SecurityDatabase"), _
        "SELECT * FROM Security WHERE ID = '" & Request.Form("ID") & "' AND
        Password = '" & Request.Form("Password") & "' AND SecurityID=" &
        Request.Form("Identity"), _
        Session("SecurityDatabase"), _
        "SELECT * FROM Templates WHERE TemplateID = 'Desktop'", _
        "Template", _
        "")

    IF sResult = "" THEN
        sResult = QReport.PublishPage( _
            Session("SecurityDatabase"), _
            "SELECT * FROM Dummy", _
            Session("SecurityDatabase"), _
            "SELECT * FROM Templates WHERE TemplateID = 'AccessDenied'", _
            "Template", _
            "")
        Response.Write(sResult)
    ELSE
        Response.Write(sResult)
    END IF

    set QReport = nothing

end select

set qlog = nothing

*>
```

Figure 9 1

```
<%
'*** has user session been validated?
'if Session("QWebMemberID") = NULL then
'    Response.Redirect "login.htm"
'end if

'turn off page caching in users browser
Response.Expires=0
Response.Buffer=True

set qlog = server.createobject("qlib.qlog")

Dim qweb, qreport
dim sOutput
dim sResult
dim sFileName
dim dothing

'*** Execute an Recordesetless SQL Command on the Database ***
Function ExecutesSQL2(SQL)
    dim cn

    '*** open a database connection
    set cn = Server.CreateObject("ADODB.Connection")
    cn.open Session("SecurityDatabase")

    '*** execute sql command
    cn.Execute SQL

    '*** close connection
    cn.Close
    set cn = nothing

End Function

Set dothing=Request.QueryString("QWebAction")
select case dothing

case "ViewPage"
'View Page

    set QReport = Server.Createobject("Qlib.QReport")

    sResult = QReport.PublishPage( _
        Session("SecurityDatabase"), _
        "SELECT * FROM " & Request.QueryString("QWT") & " WHERE " &
Request.QueryString("QWF") & " = " & Request.QueryString("QWFFV") & " ORDER BY "
& Request.QueryString("QWS"), _
        Session("SecurityDatabase"), _
        "SELECT * FROM Templates.WHERE TemplateID =" &
Request.QueryString("QWebID") & "" , _
        "Template". _
```

Fig. 9b

```

    "")
    Response.Write(sResult)

    set QReport = nothing

case "Greeting"
'Greeting

    set QReport = Server.Createobject("Qlib.QReport")

    sResult = QReport.PublishPage( _
    Session("SecurityDatabase"), _
    "SELECT * FROM " & Request.QueryString("QWT") & " WHERE SecurityID=" &
    Session("SecurityID") & " AND " & Request.QueryString("QWF") & " = " &
    Request.QueryString("QWFFV") & " ORDER BY " & Request.QueryString("QWS"), _
    Session("SecurityDatabase"), _
    "SELECT * FROM Templates WHERE TemplateID =" &
    Request.QueryString("QWebID") & "", _
    "Template", _
    "")
    Response.Write(sResult)
    'Update last log on
    ExecuteSQL2 "UPDATE Security SET LastLogOn = #" & Now() & "# WHERE
    SecurityID=" & Session("SecurityID")
    set QReport = nothing

case "PersonalDesktop"
'PersonalDesktop

    set QReport = Server.Createobject("Qlib.QReport")

    sResult = QReport.PublishPage( _
    Session("SecurityDatabase"), _
    "SELECT * FROM UserDesktops WHERE SecurityID=" & Session("SecurityID") &
    " AND Status='Active' ORDER BY SORTFIELD", _
    Session("SecurityDatabase"), _
    "SELECT * FROM Templates WHERE TemplateID ='PERSONALDESKTOP'", _
    "Template", _
    "")
    Response.Write(sResult)

    set QReport = nothing

end select

    set qlog = nothing

%>
```